

CHAPTER I

INTRODUCTION

1.1 Background

After school tutoring can be regarded as an extra support for students to get better results so that learning becomes easier. Sometimes there is a lesson in a school that poorly understood by students and tutoring comes as a solution that is as a means of consultation for students' better understanding of the lesson.

After school tutoring can be an appropriate means to understand the lessons that have not been understood, fun learning method certainly be the one of the after school tutoring characteristic. However, students are confusing about the place to get the information of after school tutoring.

To facilitate students in finding after school tutoring information, online media such as the web is as a solution that is practical and helpful enough to provide information on the after school tutoring to be selected. Information can be defined as the result of processing the data in a form that is more useful and more meaningful to the recipient which describes a concrete event used for decision making (Situmorang: 2010).

Not only the information, but also a web media now, it is experiencing rapid development as a medium for data management, and it can be the monitor of learning activities such as attendance and schedules so parents can monitor their progress during the learning activity.

The intelligent after school tutoring founded in August 2010 by Mr. Ridwan Mahmudi in Depok as a pilot project. At the beginning, the faculty has 6 teachers with 20 students and now the number has reached more than 100 students accompanied with better facilities. For expansion, then it opens a branch “SiPintar” after school tutoring Mantingan on July 10, 2013.

This branch still uses the manually system to handle their new students, so it takes quite a bit. This course requires an organized system, if it is supported only by the manual system, the efficiency and effectiveness in the presentation of this information will not be achieved and will impact on the slow service to the students themselves.

Based on the description above, the researcher assumes the need to create information system that present information in data management. A system can be defined as a collection or set of elements, components or variables organized, interact with each other, depend on each other and integrated (Situmorang: 2010).

1.2 Problem Formulation

Based on the background of the problems that have been described, the problem is formulated as follows:

1. How people get complete information and up to date?
2. How to manage student’s data quickly and accurately?
3. How do I create systems that help to simplify the process of monitoring the progress of student learning?

1.3 Limitation Problem

Restrictions are used to avoid the problem of irregularities as well as understanding the subject matter of the research that is more focused and thus facilitate the discussion of the research objectives will be achieved. Several limitations of this research problem is discussed about the data management of after school tutoring SiPintar, not a security system.

1.4 Research Objectives

Objectives to be achieved in this study:

1. To establish a media information website that can provide information to the public.
2. To build a website can do the management of information media about student's data accurately and precisely.
3. Information systems can help to make the process simplify and to monitor the progress of student's learning.

1.5 Benefits of Research

The benefits derived from this study are:

1) For Researchers

The benefits for the researchers are to add insight and knowledge about the creation of data management systems.

2) For after school tutoring

The Benefits for after school tutoring is expected of the researcher is able to give some contributions to improve services for students and community

3) For the Readers

The benefit for the reader is expected to provide useful information and can add knowledge and reference for the reader.

1.6 Writing systematic

The writing systematic designed to facilitate the preparation of this paper, it can determine a good writing systematic. The writing systematic is as follows:

CHAPTER I INTRODUCTION

Chapter I describes the background of the problem, formulation of the problem, problem definition, objectives, benefits and systematics of writing.

CHAPTER II LITERATURE REVIEW

This chapter discusses the underlying theories of writing, which includes understanding the data and information, systems and information systems, the Internet, the website, the World Wide Web (WWW), PHP,, HTML, MySQL, CodeIgniter, Bootstrap, Sublime, and other .

CHAPTER III RESEARCH METHODS

Chapter III the authors propose a method of research conducted in the design and manufacture of the system.

CHAPTER IV RESULTS AND DISCUSSION

Chapter IV describes the results of the research stages, ranging from analysis, design, testing and implementation results.

CHAPTER V CONCLUSION

Chapter V contains the conclusions and suggestions of all the research that has been done.